

Hydro. 5759-5774

Sept. 5, 1914 (one day)



Hydro. 5759 - 5774

Sept. 5, 1914

3 Dredge No. 5759 Date, Sept 5, 1914  
Hydrog. }  
Sdg. Mch. TN Reel TN Shot Leads 32 lbs.

Turns Cor'n Depth 44 fms.  
Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Clean sand - little sand

Thermom. { Make Cor'n { Instr.  
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 8 - } Air { 56  
Time

Density: Surf. fms.

Wind: Direction N W Force 2-3

Baromet. 30.30 Amt. of Clouds 9 State of Sea G

Weather bc

Direction and Force of Current. { Surface  
Bottom

Tide.

General Locality Washington Coast

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Flick Recorder C. L. Cook  
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A	M. DOWN.	UP. A M.		M. DOWN.	UP.	M.
8	- 30	802	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

4  
Dredge No. 5760 Date, Sept 5, 1914  
Hydrog. T N Reel T N Shot 3.2 lbs.  
Sdg. Mch. T N Lead 3.2 lbs.  
Turns Cor'n Depth 46 fms.  
Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Clean lead

Thermom. { Make Cor'n { Instr.  
No. Cor'n { Stem.

Bottom Reading 51 Cor'd Temp.  
Temp. Surf. { Time 8.25 } Air { 56  
Time

Density: Surf. fms.

Wind: Direction N.W Force 2-3  
Baromet. 30.30 Amt. of Clouds 9 State of Sea 6

Weather fc

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality Washington Coast

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder C. Cook  
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
825	827		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

5  
Dredge No. 5761 Date, Sept 5, 1911  
Hydrog. T N Reel T N Shot 32 lbs.

Sdg. Mch. Turns Cor'n Depth 57 fms.

Sdg. Cup Arriving Amt. Bot'm Sample

Character of Bottom Green Mud

Thermom. { Make Cor'n { Instr.  
No. Cor'n Stem.

Bottom Reading 51 Cor'd Temp.  
Temp. Surf. { Time 8.42 } Air 56  
Time

Density: Surf. fms.

Wind: Direction N. W. Force 2-3  
Baromet. 30.30 Amt. of Clouds 9 State of Sea 3

Weather Sc

Direction and Force of Current. { Surface  
Bottom

Tide

General Locality Washington Coast

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Mr. Lick Recorder Clock  
Deck Officer 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP. A M.		M. DOWN.	UP.	M.
842	845	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
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		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

6  
Dredge } No. 5762 Date, Sept 5, 19

Hydrog } TN Reel TN Shot 32 lbs.

Sdg. Mch. Turns Cor'n Depth 63 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Green Mud -

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading 53 Cor'd Temp.

Temp. Surf. { Time 9 - Air { 60  
Time

Density: Surf. fms.

Wind: Direction N. W. Force 1

Baromet. 30.28 Amt. of Clouds 9 State of Sea S

Weather Oc

Direction and Force of Current. { Surface  
Bottom

Tide

General Locality Warlington Coast

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr Glick Recorder C. C. Cook  
11-1023

SOUNDING WIRE. M. Down.   UP. M.	FMS.	DREDGING CABLE. M. DOWN. UP. M.
	0	
	100	
	200	
	300	
	400	
	500	
	600	
	700	
	800	
	900	
	1000	
	1100	
	1200	
	1300	
	1400	
	1500	
	1600	
	1700	
	1800	
	1900	
	2000	
	2100	
	2200	
	2300	
	2400	
	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	
	4100	
	4200	
	4300	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	

Dredge } No. 1 Date, 19  
Hydrog. } Reel TN lbs.  
Sdg. Mch. 11 Shot Lead

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 9.11 Air { 60  
Time

Density: Surf. fms.

Wind: Direction N. W. Force 1

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface  
Bottom

Tide

General Locality Washington

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
111	13	20	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. \_\_\_\_\_ Date, \_\_\_\_\_, 19\_\_\_\_\_  
Hydrog. }  
Sdg. Mech. \_\_\_\_\_ Reel \_\_\_\_\_ Shot } lbs.  
Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ fms.  
Sdg. Cup \_\_\_\_\_ Int. Bot'm Sample \_\_\_\_\_

Character of Bottom \_\_\_\_\_  
Thermom. { Make \_\_\_\_\_ Cor'n { Instr.  
No. \_\_\_\_\_ Stem.

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_  
Temp. Surf. { Time \_\_\_\_\_ { Air \_\_\_\_\_  
Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms.

Wind: Direction \_\_\_\_\_ Force \_\_\_\_\_  
Baromet. 28 Amt. of Clouds 8 State of Sea \_\_\_\_\_

Weather \_\_\_\_\_

Direction and Force { Surface \_\_\_\_\_  
of Current. Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position  
Chart used: No. 6100 Ed'n \_\_\_\_\_

Drift: Direction Distance

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. m.

Remarks:

Deck Officer \_\_\_\_\_ Recorder \_\_\_\_\_

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 577 Date, 19

Sdg. Mch. Reel Shot Leads lbs.

Turns Cor'n Depth Co. 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr. ---  
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time { stir } ---  
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.14 Amt. of Clouds State of Sea

Weather N.W.

Direction and Force { Surface ---  
of Current. Bottom

Tide

General Locality

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	M.	M.	UP.
94430	747	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

10  
Dredge } No. 5766 Date, 19  
Hydrog. }  
Sdg. Mch. 1 N Reel 7 N Shot } 32 lbs.  
Lead }  
Turns Cor'n Depth fms.  
Sdg. Cup C 0000 Amt. Bot'm Sample  
Character of Bottom  
Thermom. { Make Instr.  
{ No. Stem.  
Bottom Reading Cor'd Temp.  
Temp. Surf. { Time Air  
{ Time  
Density: Surf. fms.  
Wind: Direction Force  
Baromet. 30.29 Amt. of Clouds 4 State of Sea 4  
Weather S C  
Direction and Force { Surface  
of Current. { Bottom  
Tide  
General Locality  
Position  
Chart used: No. 6100 Ed'n  
Drift: Direction Distance  
Depth of Haul  
Apparatus and Rig used  
Time towing h. m.  
Remarks:  
Deck Officer W. W. W. Recorder C. H. 11-1025

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
1002	1004	15	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Broadside Hydrog. No. 5767 Date, Aug 1, 19

Sdg. Mch. Reel Shot  
Turns Cor'n Depth Lead lbs.

Turns Cor'n Depth 55 fms.  
Sdg. Cup Amt. Bot'm Sample

Character of Bottom Muddy Mud

Thermom. { Make Instr.  
No. Cor'n Stem.

Bottom Reading 53 Cor'd Temp.

Temp. Surf. { Time Air  
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. 0 Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface  
Bottom

Tide

General Locality

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time Towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.	M. DOWN.	UP.	M.
1020	22	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
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		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

*✓*  
Dredge } No. 5 762  
Hydrog. }

Date, 1914, 1914

Sdg. Mch. Reel Shot } Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time { Air

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface Cor'n

Tide

General Locality

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
10	37	30	10	39	30	0
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

13  
Brakeg. } No. 5116 Date, 19

Sdg. Mch. Reel Shot } Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Cor'n Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time { dir  
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Cor'n Amt. of Clouds 5 State of Sea

Weather

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.	FMS.	DREDGING CABLE.
M. DOWN.	UP.	M.
10 54	10 55	0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400
		2500
		2600
		2700
		2800
		2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000
		4100
		4200
		4300
		4400
		4500
		4600
		4700
		4800
		4900

Drifted } No. 170 Date, 19

Hydrog. } Sdg. Mch. T N Reel 71 Shot } lbs.

Turns Cor'n Depth fms.

Sdg. Cup Crusting Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air  
Time

Density: Surf. fms.

Wind: Direction 21.20 Force 1

Baromet. Amt. of Clouds R State of Sea

Weather

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.	M.	UP.	M.
11	13	-	11	14	30
			0		
			100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		
			2500		
			2600		
			2700		
			2800		
			2900		
			3000		
			3100		
			3200		
			3300		
			3400		
			3500		
			3600		
			3700		
			3800		
			3900		
			4000		
			4100		
			4200		
			4300		
			4400		
			4500		
			4600		
			4700		
			4800		
			4900		

Dredge  
Hydrog.

Date, 15/1/19

Sdg. Mch.

Reel T'N

Shot 32 lbs.

Turns

Cor'n

Depth

38

fms.

Sdg. Cup

Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.S.  
No. 45; A: 45. Cor'n { Instr.  
Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 56.1° Time 70 a Air 62  
Time 3:18 P.M. Air 62

Density: Surf. fms.

Wind: Direction Force  
Baromet. 30.01 Amt. of Clouds 3 State of Sea

Weather

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Position Gray Harbor Light bears S76°E (true) distant 14.0 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: ~~11:20 A.M. - 3:10 P.M.~~

Ford Horn 11:20 A.M. - 3:10 P.M. 3:10 P.M.  
11:20 A.M. - " " 3:10 P.M.

Deck Officer

Recorder W. C. W.

11-1023

J. M. K. —

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
11	20 20	22 30	0	3	10 00	22 30
			100			
			652200	3	11 30	26 00
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
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			2800			
			2900			
			3000			
			3100			
			3200			
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			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

16.

Breadth } No. 5772. Date, Sept. 5 , 1914  
 Hydrog. }  
 Sdg. Mch. 7K Reel 7K <sup>Steel</sup> Lead } 32 lbs.  
 Turns 128' Cor'n Depth 69 fms.  
 Sdg. Cup Crossing Amt. Bot'm Sample  
 Character of Bottom m m

Thermom. { Make Instr.  
 No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {  
 Time

Density: Surf. fms.

Wind: Direction NW Force 1

Baromet. 29.24 Amt. of Clouds 3 State of Sea

Weather

Direction and Force { Surface  
 of Current. Bottom

Tide.

General Locality Washington Coast

Position

Chart used: No. 6102 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Nickoney Recorder F. J. C. -  
 11-1023

## SOUNDING WIRE.

M. DOWN.	UP.	M.
1 02 40	1 05 0	
1 03 20	1 03 28	

FMS

## DREDGING CABLE

M. Down, Up, M.

0					
100					
200					
300					
400					
500					
600					
700					
800					
900					
1000					
1100					
1200					
1300					
1400					
1500					
1600					
1700					
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1900					
2000					
2100					
2200					
2300					
2400					
2500					
2600					
2700					
2800					
2900					
3000					
3100					
3200					
3300					
3400					
3500					
3600					
3700					
3800					
3900					
4000					
4100					
4200					
4300					
4400					
4500					
4600					
4700					
4800					
4900					

17.

Dredge } No. 5772 Date, Sept. 19, 1914  
 Hydrog. }  
 Sdg. Mch. Reel 715 Shot } Lead 3 lbs.

Turns 135 Cor'n Depth 72 fms.

Sdg. Cup Arm'm Amt. Bot'm Sample

Character of Bottom Sh. (Sed.) (Sed.)

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air  
Time

Density: Surf. fms.

Wind: Direction NW Force 1

Baromet. 30.24 Amt. of Clouds 2 State of Sea C

Weather

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality N. Atlantic Coast

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Mahoney Recorder J. T. Kelly -  
H-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
1   85   30   1   18   00   0						
1   85   15   1   16   25   100						
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

18-

Dredging No. 5271 Date, Sept. 5, 1914  
 Hydrog. No. 716 Reel 716 Shot Lead 3 lbs.

Turns 134 Cor'n Depth 74 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.  
 { No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time  
 { Time Stir

Density: Surf. fms.

Wind: Direction NW Force 1

Baromet. 30.24 Amt. of Clouds 2 State of Sea

Weather Fog

Direction and Force { Surface  
 of Current. { Bottom

Tide

General Locality

Position

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing: h. m.

Remarks:

Deck Officer C. Recorder C. Wil-  
 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
(P)	M. DOWN.	UP.	M.	M.	UP.	M.
/	175	30	/	178	00	0
/	26	20	/	26	35	100
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
						2300
						2400
						2500
						2600
						2700
						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

19.

Dredge Hydrog. } No. 5775 Date, Sept 5, 1914  
 Sdg. Mch. Reel TN Shot Lead 38 lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air

Time

Density: Surf. fms.

Wind: Direction.

Batromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. Surface

Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Tolson Recorder Sept 5, 1914 -  
 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.	M.	DOWN.	UP.	M.
			0				
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
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			2700				
			2800				
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			3100				
			3200				
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			3400				
			3500				
			3600				
			3700				
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			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge } No. \_\_\_\_\_ Date, \_\_\_\_\_, 19-

Sdg. Mch. \_\_\_\_\_ Reel \_\_\_\_\_ Shot }  
lbs.

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ fms.

Sdg. Cup \_\_\_\_\_ Amt. Bot'm Sample \_\_\_\_\_

Character of Bottom \_\_\_\_\_

Thermom. { Make \_\_\_\_\_ Cor'n { Instr.  
No. \_\_\_\_\_ Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { Time \_\_\_\_\_ } Air {  
Time \_\_\_\_\_ }

Density: Surf. fms.

Wind: Direction \_\_\_\_\_ Force \_\_\_\_\_

Baromet. \_\_\_\_\_ Amt. of Clouds \_\_\_\_\_ State of Sea \_\_\_\_\_

Weather \_\_\_\_\_

Direction and Force { Surface \_\_\_\_\_  
of Current. Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position \_\_\_\_\_

Chart used: No. \_\_\_\_\_ Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h, \_\_\_\_\_ m.

Remarks:

Deck Officer \_\_\_\_\_ Recorder \_\_\_\_\_

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
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			2500			
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			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. \_\_\_\_\_ Date, \_\_\_\_\_, 19  
Hydrog. }

Sdg. Mch. \_\_\_\_\_ Reel \_\_\_\_\_ Shot }  
Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ Lead } lbs.

Sdg. Cup \_\_\_\_\_ Amt. Bot'm \_\_\_\_\_ fms.  
Character of Sample \_\_\_\_\_

Thermom. { Make \_\_\_\_\_ Instr. \_\_\_\_\_  
No. \_\_\_\_\_ Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { Time \_\_\_\_\_ Air \_\_\_\_\_  
Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms.

Wind: Direction ... Force ...

Baromet. \_\_\_\_\_ Amt. of Clouds \_\_\_\_\_ State of Sea ...

Weather \_\_\_\_\_

Direction and Force { Surface ...  
of Current. Bottom ...

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position

Chart used: No. \_\_\_\_\_ Ed'n \_\_\_\_\_

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing: h. m.

Remarks:

Deck Officer ... Recorder ...

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. \_\_\_\_\_ Date, \_\_\_\_\_ , 19  
Hydrog. }

Sdg. Mch. \_\_\_\_\_ Reel \_\_\_\_\_ Shot }  
Sdg. Cup \_\_\_\_\_ Amt. Bot'm } lbs.  
Lead }

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ fms.

Sdg. Cup \_\_\_\_\_ Amt. Bot'm \_\_\_\_\_ Sample

Character of Bottom \_\_\_\_\_

Thermom. { Make \_\_\_\_\_ Cor'n { Instr. \_\_\_\_\_  
No. \_\_\_\_\_ Stem. }

Bottom Reading \_\_\_\_\_ Cor'd. Temp. \_\_\_\_\_

Temp. Surf. { Time \_\_\_\_\_ } Air \_\_\_\_\_  
Time \_\_\_\_\_ }

Density: Surf. \_\_\_\_\_ fms.

Wind: Direction \_\_\_\_\_ Force \_\_\_\_\_

Baromet. \_\_\_\_\_ Amt. of Clouds \_\_\_\_\_ State of Sea \_\_\_\_\_

Weather \_\_\_\_\_

Direction and Force { Surface \_\_\_\_\_  
of Current. Bottom \_\_\_\_\_ }

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position \_\_\_\_\_

Chart used: No. \_\_\_\_\_ Rd'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer \_\_\_\_\_ Recorder \_\_\_\_\_

## SOUNDING WIRE.

M. Down. | Up. M.

FMS.

## DREDGING CABLE.

M. Down. Up. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dred $\leq$ e } No. \_\_\_\_\_ Date, \_\_\_\_\_, 19\_\_\_\_\_  
Hydrog. }

Sdg. Mech. \_\_\_\_\_ Reel \_\_\_\_\_ Shot Leads \_\_\_\_\_ lbs.

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ fms.

Sdg. Cup \_\_\_\_\_ Amt. Bot'm Sample \_\_\_\_\_

Character of Bottom \_\_\_\_\_

Thermom. { Make \_\_\_\_\_ Cor'n { Instr. \_\_\_\_\_  
No. \_\_\_\_\_ Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { Time \_\_\_\_\_ Air {  
Surf. \_\_\_\_\_ Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms.

Wind: Direction \_\_\_\_\_ Force \_\_\_\_\_

Baromet. \_\_\_\_\_ Amt. of Clouds \_\_\_\_\_ State of Sea \_\_\_\_\_

Weather \_\_\_\_\_

Direction and Force { Surface \_\_\_\_\_  
of Current. Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position \_\_\_\_\_

Chart used: No. \_\_\_\_\_ Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks:

Deck Officer \_\_\_\_\_ Recorder \_\_\_\_\_

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. ..... Date, ..... , 19  
Hydrog. }

Sdg. Mech. ..... Reel ..... Shot } Lead } lbs.

Turns ..... Cor'n ..... Depth ..... fms.

Sdg. Cup ..... Amt. Bot'm Sample

Character of Bottom ..... -

Thermom. { Make ..... Cor'n { Instr. ....  
No. ..... Stem. ....

Bottom Reading ..... Cor'd Temp. ....

Temp. Surf. { Time ..... Time ..... } Air }

Density: Surf. ..... fms.

Wind: Direction ..... Force ..... -

Baromet. ..... Amt. of Clouds ..... State of Sea .....

Weather ..... -

Direction and Force { Surface .....  
of Current. Bottom ..... -

Tide ..... -

General Locality

Position

Chart used: No. ..... Ed'n

Drift: Direction ..... Distance

Depth of Haul

Apparatus and Rig used

Time towing ..... h. ..... m.

Remarks:

Deck Officer ..... Recorder ..... 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. Date, , 19  
Hydrog. }

Sdg. Mch. Reel Shot \ Lead } lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.  
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
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			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. Date, , 19  
Hydrog. }

Sdg. Mech. Reel Shot } lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.  
No. Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { Time Air

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface

of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			1600			
			1700			
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			1900			
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			2200			
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			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. Date, , 19  
Hydrog. } Reel.

Sdg. Mch. Reel. Shot } Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr. ---  
{ No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air ---  
{ Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface ---  
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n.

Drift: Direction Distance.

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

*Dredge* } No. \_\_\_\_\_ *Date*, \_\_\_\_\_, 19\_\_\_\_\_  
*Hydrog.* }

*Sdg. Mech.* \_\_\_\_\_ *Reel* \_\_\_\_\_ *Shot\*  
*Lead\* \_\_\_\_\_ *lbs.*

*Turns* ..... *Cor'n* ..... *Depth* ..... *fms*

## *Character of Bottom*

*Thermom.* { *Make* ..... *Cor'n* { *Instr.* .....  
                   { *No.* .....                    { *Stem* .....

*Bottom Reading* \_\_\_\_\_ *Cor'd Temp.* \_\_\_\_\_

*Temp. Surf.* { ----- *Time* ----- } *Air* { -----  
 ----- *Time* ----- }

*Density: Surf.* *fms.*

*Wind: Direction* ..... *Force* .....

*Baromet.* \_\_\_\_\_ *Amt. of*  
*Clouds* \_\_\_\_\_ *State of*  
*Sea*

## *Weather*

*Direction and Force  
of Current.* { *Surface* \_\_\_\_\_  
                          *Bottom* \_\_\_\_\_

*Tide* ——————

### *General Locality*

*Position* ....

*Chart used: No. .... Ed'n....*

*Drift: Direction* \_\_\_\_\_ *Distance* \_\_\_\_\_

*Depth of Haul* . . . . .

*Time towing* ..... h. ..... m.

*Remarks:* \_\_\_\_\_

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. ..... Date, ..... , 19  
Hydrog. }

Sdg. Mch. ..... Reel ..... Shot }  
Lead } lbs.

Turns ..... Cor'n ..... Depth ..... fms.

Sdg. Cup ..... Amt. Bot'm Sample

Character of Bottom

Thermom. { Make ..... Cor'n { Instr. ....  
No. ..... Stem.

Bottom Reading ..... Cor'd Temp. ....

Temp. Surf. { Time ..... } Air }  
Time

Density: Surf. .... fms. ....

Wind: Direction ..... Force .....

Baromet. .... Amt. of Clouds ..... State of Sea

Weather

Direction and Force { Surface .....  
of Current. Bottom

Tide .....

General Locality .....

Position

Chart used: No. ..... Ed'n .....

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used

Time towing ..... h. .... m.

Remarks:

Deck Officer ..... Recorder .....

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredg. } No. ..... Date, ..... , 19 ..  
Hydrog. }

Sdg. Mech. ..... Reel ..... Shot \ Lead \ lbs.

Turns ..... Cor'n ..... Depth ..... fms.

Sdg. Cup ..... Amt. Bot'm Sample

Character of Bottom ..... .

Thermom. { Make ..... Cor'n { Instr.  
No. ..... Stem.

Bottom Reading ... Cor'd Temp. ....

Temp. Surf. { Time ..... { Air }

Time

Density: Surf. fms. ....

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface ...  
of Current. { Bottom ...

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

## SOUNDING WIRE.

M. DOWN. UP. M.

FMS.

## DREDGING CABLE.

M. DOWN. UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. ..... Date, ..... , 19 ..  
Hydrog. } Reel ..... Shot } lbs.

Sdg. Mch. ..... Reel ..... Shot } lbs.

Turns ..... Cor'n ..... Depth fms.

Sdg. Cup ..... Amt. Bot'm Sample

Character of Bottom .....

Thermom. { Make Instr. ....  
No. Stem. ....

Bottom Reading ..... Cor'd Temp. ....

Temp. Surf. { Time ..... } Air {  
Time ..... }

Density: Surf. fms.

Wind: Direction ..... Force .....  
Baromet. ..... Amt. of Clouds ..... State of Sea

Weather .....  
.....

Direction and Force { Surface .....  
of Current. Bottom .....

Tide .....  
.....

General Locality .....  
.....

Position .....  
.....

Chart used: No. ..... Ed'n .....

Drift: Direction ..... Distance .....  
.....

Depth of Haul .....  
.....

Apparatus and Rig used .....  
.....

Time towing ..... hr. .... m.

Remarks:

Deck Officer Recorder  
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.	M.	DOWN.	UP.	M.
			0				
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
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			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
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			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge } No. ..... Date, ..... , 19 ..

Sdg. Mch. ..... Reel ..... Shot } lbs.

Turns ..... Cor'n ..... Depth ..... fms.

Sdg. Cup ..... Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. . Stem.

Bottom Reading ..... Cor'd Temp.

Temp. Surf. { Time ..... } Air {  
Time ..... }

Density: Surf. fms.

Wind: Direction ..... Force .....

Baromet. ..... Amt. of Clouds ..... State of Sea

Weather

Direction and Force { Surface .....  
of Current. Bottom .....

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used

Time towing ..... h. .... m.

Remarks:

Deck Officer Recorder .....

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.	M.	DOWN.	UP.	M.
			0				
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
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			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
			2200				
			2300				
			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

*Dredge* } No. \_\_\_\_\_ *Date*, \_\_\_\_\_, 19 \_\_\_\_\_.  
*Hydrog.* }

*Sdg. Mch.* ..... Reel ..... Shot } Lead } lbs

*Turns*      *Cor'n*      *Depth*      *fms*

*Amt. Bot'm  
Sample*

*Character of  
natives.*

*Thermom.* { *Make*      *Cor'n* { *Instr.*  
 No.                          Stem.

*Bottom Reading* ..... *Cor'd Temp.* .....

*Temp. Surf.* { . . . . . *Time* . . . . . } *Air* { . . . . .

*Density: Surf.* — — — — — *fms.* — — —

Wind: Direction ..... Force .....

*Baromet.* . . . . . *Amt. of Clouds* . . . . . *State of Sea* . . . . .

*Weather* . . . . .

*Direction and Force  
of Current.* { Surface . . . . .  
Bottom . . . . .

*Tide*.....

*General Locality* —————

*Chart 13000: 000*      *See 0*

*Wife: Duration \_\_\_\_\_*

*Time towing* ..... h. .... m.

*Remarks:* \_\_\_\_\_

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. Date, 19  
Hydrog. }

Sdg. Mch. Reel Shot } lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.  
{ No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time { Air  
{ Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. \_\_\_\_\_ Date, \_\_\_\_\_, 19 ..  
Hydrog. }

Sdg. Mch. \_\_\_\_\_ Reel \_\_\_\_\_ Shot } lbs.  
Sdg. Cup \_\_\_\_\_ Amt. Bot'm Sample \_\_\_\_\_

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ fms.  
Character of Bottom \_\_\_\_\_

Thermom. { Make \_\_\_\_\_ Cor'n { Instr. \_\_\_\_\_  
              { No. \_\_\_\_\_ Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { Time \_\_\_\_\_ } Air \_\_\_\_\_  
              { Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms.

Wind: Direction \_\_\_\_\_ Force \_\_\_\_\_

Baromet. \_\_\_\_\_ Amt. of Clouds \_\_\_\_\_ State of Sea \_\_\_\_\_

Weather \_\_\_\_\_

Direction and Force { Surface \_\_\_\_\_  
of Current.           { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position \_\_\_\_\_

Chart used: No. \_\_\_\_\_ Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer \_\_\_\_\_ Recorder \_\_\_\_\_

## SOUNDING WIRE.

M. DOWN. | UP.      M.

FMS.

## DREDGING CABLE.

M. DOWN. | UP.      M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. Date, , 19  
Hydrog. }

Sdg. Mch. Reel Shot } lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air  
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface  
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.	M.	DOWN.	UP.	M.
			0				
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
			2200				
			2300				
			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge } No. \_\_\_\_\_ Date, \_\_\_\_\_ , 19

Sdg. Mch. \_\_\_\_\_ Reel \_\_\_\_\_ Shot } \_\_\_\_\_ lbs.

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ fms.

Sdg. Cup \_\_\_\_\_ Amt. Bot'm \_\_\_\_\_ Sample \_\_\_\_\_

Character of Bottom \_\_\_\_\_

Thermom. { Make \_\_\_\_\_ Cor'n { Instr. \_\_\_\_\_  
No. \_\_\_\_\_ Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { Time \_\_\_\_\_ Time \_\_\_\_\_ } Air \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms.

Wind: Direction \_\_\_\_\_ Force \_\_\_\_\_

Baromet. \_\_\_\_\_ Amt. of Clouds \_\_\_\_\_ State of Sea \_\_\_\_\_

Weather \_\_\_\_\_

Direction and Force { Surface \_\_\_\_\_  
of Current. Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position

Chart used: No. \_\_\_\_\_ Ed'n. \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks: \_\_\_\_\_

Deck Officer \_\_\_\_\_ Recorder \_\_\_\_\_

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M.	DOWN.	UP.	M.	DOWN.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge } No. ..... Date, ....., 19..  
Hydrog. } Reel

Sdg. Mech. ..... Reel Shot \ lbs.  
Turns ..... Cor'n Depth ..... fms.

Sdg. Cup ..... Amt. Bot'm Sample

Character of Bottom

Thermom. { Make ..... Instr. ....  
No. ..... Cor'n { Stem. ....

Bottom Reading ..... Cor'd Temp. ....

Temp. Surf. { Time ..... } Air {  
Surf. ..... Time ..... State of Sea

Density: Surf. ..... fms.

Wind: Direction Force

Baromet. ..... Amt. of Clouds ..... State of Sea

Weather

Direction and Force { Surface  
of Current. ..... Bottom

Tide

General Locality

Position

Chart used: No. Kb'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. .... m.

Remarks:

Deck Officer Recorder

## SOUNDING WIRE.

M. DOWN. | UP. .... M.

FMS.

## DREDGING CABLE.

M. DOWN. | UP. .... M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. ..... Date, ..... , 19

Sdg. Mch. ..... Reel Shot } lbs.

Turns ..... Cor'n ..... Depth ..... fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make ..... Cor'n { Instr. .....  
No. ..... Stem.

Bottom Reading ..... Cor'd Temp. ....

Temp. Surf. { Time ..... { Air }

Time

Density: Surf. .... fms.

Wind: Direction ..... Force .....

Baromet. ..... Amt. of Clouds ..... State of Sea

Weather .....

Direction and Force { Surface .....  
of Current. { Bottom .....

Tide .....

General Locality .....

Position .....

Chart used: No. ..... Ed'n .....

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing h. m.

Remarks:

Deck Officer ..... Recorder .....

## SOUNDING WIRE.

M. Down. | UP. .... M.

FMS.

## DREDGING CABLE.

M. Down. | UP. .... M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. Date, , 19  
Hydrog. }

Sdg. Mch. Reel Shot }  
Turns Cor'n Depth lbs.

Sdg. Cup Amt. Bot'm Sample fms.

Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time { Air  
Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality ...

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. .... Date, ..... , 19.  
Hydrog. } Reel ..... lbs.

Sdg. Mech. .... Reel ..... Shot } Lead } lbs.  
Turns ..... Cor'n ..... Depth ..... fms.

Sdg. Cup ..... Amt. Bot'm Sample

Character of Bottom

Thermom. { Make ..... Cor'n { Instr. ....  
No. ..... Stem. ....

Bottom Reading ..... Cor'd Temp. ....

Temp. Surf. { Time ..... } Air {  
Time ..... ....

Density: Surf. fms.

Wind: Direction ..... Force .....

Baromet. ..... Amt. of Clouds ..... State of Sea

Weather

Direction and Force { Surface .....  
of Current. Bottom .....

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing h. m.

Remarks:

Deck Officer

Recorder

## SOUNDING WIRE.

M. DOWN. | UP. .... M.

FMS.

## DREDGING CABLE.

M. DOWN. | UP. .... M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. Date, , 19  
Hydrog. }

Sdg. Mch. Reel Shot } Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air  
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force Surface  
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. \_\_\_\_\_ Date, \_\_\_\_\_, 19  
Hydrog. }

Sdg. Mch. \_\_\_\_\_ Reel \_\_\_\_\_ Shot } lbs.  
Lead }

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ fms.

Sdg. Cup \_\_\_\_\_ Amt. Bot'm Sample \_\_\_\_\_

Character of  
Bottom \_\_\_\_\_

Thermom. { Make \_\_\_\_\_ Cor'n { Instr. \_\_\_\_\_  
No. \_\_\_\_\_ Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { Time \_\_\_\_\_ Air }  
Surf. \_\_\_\_\_ Time \_\_\_\_\_

Density: Surf. \_\_\_\_\_ fms.

Wind: Direction \_\_\_\_\_ Force \_\_\_\_\_

Baromet. \_\_\_\_\_ Amt. of Clouds \_\_\_\_\_ State of Sea \_\_\_\_\_

Weather \_\_\_\_\_

Direction and Force  
of Current. { Surface \_\_\_\_\_  
Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position \_\_\_\_\_

Chart used: No. \_\_\_\_\_ Rd'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks:

## SOUNDING WIRE.

FMS.

## DREDGING CABLE.

M. DOWN. | UP. M.

M. DOWN. | UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. .... Date, ..... , 19 ..  
Hydrog. }

Sdg. Mch. .... Reel ..... Shot } Leads ..... lbs.

Turns ..... Cor'n ..... Depth ..... fms.

Sdg. Cup ..... Amt. Bot'm ..... Sample .....

Character of Bottom .....

Thermom. { Make ..... Cor'n { Instr. ....  
{ No. ..... Stem. ....

Bottom Reading ..... Cor'd Temp. ....

Temp. Surf. { Time ..... } Air {  
{ Time ..... }

Density: Surf. .... fms.

Wind: Direction ..... Force .....

Baromet. .... Amt. of Clouds ..... State of Sea .....

Weather .....

Direction and Force { Surface .....  
of Current. { Bottom .....

Tide .....

General Locality .....

Position .....

Chart used: No. .... Ed'n .....

Drift: Direction ..... Distance .....

Depth of Haul .....

Apparatus and Rig used .....

Time towing ..... h. .... m.

Remarks: .....

Deck Officer ..... Recorder ..... 11-1025

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			



## SOUNDING WIRE.

FMS.

## DREDGING CABLE.

M. Down. | Up. M.

M. Down. | Up. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. .... Date, ..... , 19....  
Hydrog. }

Sdg. Mch. .... Reel .... Shot } Lead } lbs.

Turns .... Cor'n .... Depth .... fms.

Sdg. Cup .... Amt. Bot'm Sample

Character of Bottom

Thermom. { Make .... Cor'n { Instr. ....  
No. .... Stem.

Bottom Reading .... Cor'd Temp. ....

Temp. Surf. { Time .... } Air {  
Time ....

Density: Surf. .... fms.

Wind: Direction .... Force ....

Baromet. .... Amt. of Clouds .... State of Sea

Weather ....

Direction and Force { Surface ....  
of Current. Bottom ....

Tide ....

General Locality

Position

Chart used: No. .... Kil'm

Drift: Direction .... Distance ....

Depth of Haul

Apparatus and Rig used

Time towing .... h. .... m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

*Dredge* } No. . . . . Date, . . . . . , 19 . . . . .  
*Hydrog.* }

*Sdg. Mch.* . . . . . Reel . . . . . *Shot* } lbs.  
}

*Turns* . . . . . *Cor'n* . . . . . *Depth* fms.

*Sdg. Cup* . . . . . *Amt. Bot'm* Sample

*Character of Bottom* . . . . .

*Thermom.* { *Make* . . . . . *Cor'n* { *Instr.* . . . . .  
} *No.* . . . . . } *Stem.* . . . . .

*Bottom Reading* . . . . . *Cor'd Temp.* . . . . .

*Temp. Surf.* { . . . . . *Time* . . . . . } . . . . .  
} . . . . . *Time* . . . . . } . . . . . *Air* { . . . . .

*Density: Surf.* . . . . . fms.

*Wind: Direction* . . . . . *Force* . . . . .

*Baromet.* . . . . . *Amt. of Clouds* . . . . . *State of Sea* . . . . .

*Weather* . . . . .

*Direction and Force of Current.* { *Surface* . . . . .  
} *Bottom* . . . . .

*Tide* . . . . .

*General Locality* . . . . .

*Position* . . . . .

*Chart used: No.* . . . . . *Kd'n* . . . . .

*Drift: Direction* . . . . . *Distance* . . . . .

*Depth of Haul* . . . . .

*Apparatus and Rig used* . . . . .

*Time towing* . . . . . h. . . . . m.

*Remarks:* . . . . .

*Deck Officer* . . . . . *Recorder* . . . . .

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. ..... Date, ..... , 19  
Hydrog. }

Sdg. Mch. ..... Reel ..... Shot } Lead } tbs.

Turns ..... Cor'n ..... Depth . fms.

Sdg. Cup ..... Amt. Bot'm Sample

Character of Bottom .....

Thermom. { Make Cor'n { Instr. ....  
No. Stem. ....

Bottom Reading ..... Cor'd Temp.

Temp. Surf. { Time } Air {  
Surf. Time

Density: Surf. fms.

Wind: Direction Force

Baromet. ..... Amt. of Clouds .. State of Sea

Weather .....

Direction and Force { Surface .....  
of Current. Bottom .....

Tide .....

General Locality .....

Position

Chart used: No. ..... Ed'n ..

Drift: Direction ..... Distance ..

Depth of Haul

Apparatus and Rig used

Time towing: h. m.

Remarks:

Deck Officer

Recorder

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. \_\_\_\_\_ Date, \_\_\_\_\_, 19..  
Hydrog. }

Sdg. Mch. \_\_\_\_\_ Reel \_\_\_\_\_ Shot } lbs.  
Lead }

Turns \_\_\_\_\_ Cor'n \_\_\_\_\_ Depth \_\_\_\_\_ fms.

Sdg. Cup \_\_\_\_\_ Amt. Bot'm \_\_\_\_\_ Sample \_\_\_\_\_

Character of Bottom \_\_\_\_\_

Thermom. { Make \_\_\_\_\_ Instr. \_\_\_\_\_  
No. \_\_\_\_\_ Cor'n { Stem. \_\_\_\_\_

Bottom Reading \_\_\_\_\_ Cor'd Temp. \_\_\_\_\_

Temp. Surf. { Time \_\_\_\_\_ Air \_\_\_\_\_  
Time \_\_\_\_\_ }

Density: Surf. \_\_\_\_\_ fms.

Wind: Direction \_\_\_\_\_ Force \_\_\_\_\_

Baromet. \_\_\_\_\_ Amt. of Clouds \_\_\_\_\_ State of Sea \_\_\_\_\_

Weather \_\_\_\_\_

Direction and Force { Surface \_\_\_\_\_  
of Current. Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality \_\_\_\_\_

Position \_\_\_\_\_

Chart used: No. \_\_\_\_\_ Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul \_\_\_\_\_

Apparatus and Rig used \_\_\_\_\_

Time towing: \_\_\_\_\_ h. \_\_\_\_\_ m.

Remarks:

Deck Officer \_\_\_\_\_ Recorder \_\_\_\_\_

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. Date, , 19  
Hydrog. }

Sdg. Mch. Reel Shot } Lead } lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.  
\* { No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {  
Surf. { Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of State of  
Clouds Sea

Weather

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. .... Date, ..... , 19  
Hydrog. } ....

Sdg. Mch. .... Reel .... Shot }  
Lead } lbs.

Turns .... Cor'n .... Depth .... fms.

Sdg. Cup .... Amt. Bot'm Sample

Character of Bottom

Thermom. { Make .... Cor'n { Instr.  
No. .... Stem.

Bottom Reading .... Cor'd Temp.

Temp. Surf. { Time .... } Air {  
Time ....

Density: Surf. .... fms.

Wind: Direction .... Force ....

Baromet. .... Amt. of Clouds State of Sea

Weather

Direction and Force { Surface ....  
of Current. Bottom ....

Tide

General Locality

Position

Chart used: No. .... Ed'n ....

Drift: Direction .... Distance ....

Depth of Haul

Apparatus and Rig used

Time towing .... h. .... m.

Remarks:

Deck Officer .... Recorder ....

## SOUNDING WIRE.

M. DOWN. UP. M.

FMS.

## DREDGING CABLE.

M. DOWN. UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900